

Foundation in Science

JPT/BPP(R2/010/3/0371)10/26, (MQA/A7034

The Programme

The Foundation in Science programme is an intensive academic curriculum designed to provide students with a strong foundational knowledge in the core scientific disciplines. This programme serves as a stepping stone for individuals who aspire to pursue higher education in science-related fields or embark on careers in scientific research and innovation. With a focus on critical thinking, analytical skills and practical applications, the programme equips students with the tools they need to excel in the dynamic and ever-evolving world of science.

Programme Module

The Foundation in Science programme offers a comprehensive range of subjects that lay the groundwork for a deeper understanding of scientific principles, methodologies and theories. By combining theoretical knowledge with hands-on laboratory experiences, students develop a strong scientific aptitude and a passion for inquiry-based learning.

Core Subjects

- Basic Programme Design
- Co-curriculum
- English Language Proficiency
- Field Trips and Study Tours
- Foundation of Statistics
- Introduction to Academic English
- Introduction to Business
- Introduction to IT
- Introduction to Marketing
- Introduction to Programming

Elective Subjects

- Advanced Mathematics
- Basic Electrical Engineering
- Biological Science I
- Biological Science II
- Computer Hardware and Maintenance
- General Chemistry I
- General Chemistry II
- General Physics I
- General Physics II
- Introduction to Workshop
- Mathematics for Science

Programme Highlights

- Comprehensive academic preparation
- Personalised learning approach
- Bridging the gap between theoretical knowledge and practical skills
- Holistic skill development
- Practical application and experiential learning
- Flexible academic pathways
- Academic support and mentorship
- Seamless university progression

Field trips & Study tours

The field trips and study tours is an enriching educational programme designed to complement classroom learning through hands-on experiences and immersive exploration. By venturing beyond the confines of traditional classroom settings, students engage in real-world applications of their academic knowledge and gain a deeper understanding of various subjects. It provides a unique opportunity to broaden perspectives, foster critical thinking and ignite a lifelong love for learning.

Entry Requirements

- SPM - A pass with at least credit in five (5) subjects
- O-Level - A pass with at least Grade C in five (5) subjects
- UEC - A pass with at least Grade B in three (3) subjects

Students may be required to have credit / pass in specific SPM subjects (or equivalent) to progress to a degree programme.



Experience Life at Nilai University



Lush Campus



Peaceful Environment



Strategic Location



www.nilai.edu.my



+6017350 1188

+606-850 2308